

File Layout for State Total Covered Populations

File name: state_total_covered_populations.xlsx

The U.S. Census Bureau reviewed this data product for unauthorized disclosure of confidential information and approved the disclosure avoidance practices applied to this release.
CBDRB-FY22-POP001-0102.

File Description:

This data product is a collection of tabulations from the 2019 [American Community Survey](#) (ACS) 1-year file, publicly available estimates on adult literacy from the National Center for Educational Statistics, data from the Federal Communications Commission (FCC) on fixed broadband deployment, and measures on Internet and computing device use from the 2021 [NTIA Internet Use Survey](#). The data provided here give insight as to how the funding allocation to each state, the District of Columbia, and Puerto Rico is calculated in the State Digital Equity Planning Grant Program.

The State Digital Equity Planning Grant Program is the first of three Digital Equity Act of 2021 programs that will be administered by the National Telecommunications and Information Administration (NTIA). The Digital Equity Act of 2021 was established by the [Infrastructure Investment and Jobs Act \(Sections 60301-60307\)](#). Under the legislation, NTIA will allocate awards to participating States (including the 50 states, the District of Columbia, and Puerto Rico) based on their populations, demographics, and availability and adoption of broadband internet.

NOTES

Estimates that are not drawn from publicly available ACS tables are rounded to 4 significant digits to protect respondent privacy. Significant digits are defined as the number of digits in a numeric string that starts with the first non-zero digit.

Data are based on a sample and are subject to sampling variability.

The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error.

The confidence level for the margin of error here is 90 percent.

The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value.

In addition to sampling variability, ACS estimates are subject to nonsampling error. The effect of nonsampling error is not represented in these tables.

An "*****" entry in the margin of error column indicates that the estimate is controlled in the ACS. A statistical test for sampling variability is not appropriate.

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Column	Variable name	Description	Source(s)
1	st	State Code (FIPS)	2019 ACS 1-Year file
2	statename	State Name	Vintage 2019 Population Estimates Program Geocodes file
3	state_tot_pop	2019 State resident population	Table S0101: Age and Sex (2019 ACS 1-Year file)
4	tot_cov_pop	2019 Total covered populations in State (population with 1 or more of the characteristics that make up the total covered populations as defined by the Digital Equity Act of 2021)	Derived from 2019 ACS 1-Year file and 2015-2019 ACS 5-Year file; 2017 Program for the International Assessment of Adult Competencies (PIAAC) Household file and 2012/2014/2017 PIAAC State and County Small Area Estimates of Adult Skills on Literacy and Numeracy from the National Center for Education Statistics. Estimate is rounded to 4 significant digits.
5	pct_tot_cov_pop	2019 Percentage of State population in total covered populations	Derived from 2019 ACS 1-Year file and 2015-2019 ACS 5-Year file; 2017 Program for the International Assessment of Adult Competencies (PIAAC) Household file and 2012/2014/2017 PIAAC State and County Small Area Estimates of Adult Skills on Literacy and Numeracy from the National Center for Education Statistics
6	tot_cov_pop_MOE	2019 Total covered populations in State margin of error	Margin of error at the 90 percent confidence level. Estimate is rounded to 4 significant digits.
7	pct_tot_cov_MOE	2019 Percentage of State population in total covered populations margin of error	Margin of error at the 90 percent confidence level

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Column	Variable name	Description	Source(s)
8	ipr_pop	2019 State household population in "covered households" (living in households with income no more than 150 percent of federal poverty threshold)	2019 ACS 1-Year file. Estimate is rounded to 4 significant digits.
9	pct_ipr_pop	2019 Percentage of State household population in "covered households" (living in households with income no more than 150 percent of federal poverty threshold)	2019 ACS 1-Year file
10	ipr_pop_MOE	2019 State household population in "covered households" (living in households with income no more than 150 percent of federal poverty threshold) margin of error	Margin of error at the 90 percent confidence level. Estimate is rounded to 4 significant digits.
11	pct_ipr_MOE	2019 Percentage of State household population in "covered households" (living in households with income no more than 150 percent of federal poverty threshold) margin of error	Margin of error at the 90 percent confidence level
12	aging_pop	2019 State population age 60 years and older	Table S0101: Age and Sex (2019 ACS 1-Year file)
13	pct_aging_pop	2019 Percentage of State population age 60 years and older	Table S0101: Age and Sex (2019 ACS 1-Year file)
14	aging_pop_MOE	2019 State population age 60 years and older margin of error	Table S0101: Age and Sex (2019 ACS 1-Year file). Margin of error at the 90 percent confidence level.
15	pct_aging_MOE	2019 Percentage of State population age 60 years and older margin of error	Table S0101: Age and Sex (2019 ACS 1-Year file). Margin of error at the 90 percent confidence level.

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Column	Variable name	Description	Source(s)
16	pct_incarc_pop	2019 Percentage of State population incarcerated (excluding Federal facilities)	2019 ACS 1-Year file
17	pct_incarc_MOE	2019 Percentage of State population incarcerated (excluding Federal facilities) margin of error	Margin of error at the 90 percent confidence level
18	vet_pop	2019 State veteran population age 18 years and older	Table B21001: Sex by Age by Veteran Status for the Civilian Population 18 Years and Over (2019 ACS 1-Year file)
19	pct_vet_pop	2019 Percentage of State population who are veterans aged 18 years or older	Table B21001: Sex by Age by Veteran Status for the Civilian Population 18 Years and Over (2019 ACS 1-Year file) and State resident population
20	vet_pop_MOE	2019 State veteran population aged 18 years and older margin of error	Table B21001: Sex by Age by Veteran Status for the Civilian Population 18 Years and Over (2019 ACS 1-Year file). Margin of error at the 90 percent confidence level.
21	pct_vet_MOE	2019 Percentage of State population who are veterans aged 18 years and older margin of error	Margin of error at the 90 percent confidence level
22	dis_pop	2019 State population with one or more disabilities	2019 ACS 1-Year file. Estimate is rounded to 4 significant digits.
23	pct_dis_pop	2019 Percentage of State population with one or more disabilities	2019 ACS 1-Year file
24	dis_pop_MOE	2019 State population with one or more disabilities margin of error	Margin of error at the 90 percent confidence level. Estimate is rounded to 4 significant digits.
25	pct_dis_MOE	2019 Percentage of State population with one or more disabilities margin of error	Margin of error at the 90 percent confidence level

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Column	Variable name	Description	Source(s)
26	lang_barrier_pop	2019 State population with a language barrier (Speaks English less than "very well" or has low levels of literacy)	Derived from 2019 ACS 1-Year file (for speaks English less than "very well") and 2017 Program for the International Assessment of Adult Competencies (PIAAC) Household file and 2012/2014/2017 PIAAC State and County Small Area Estimates of Adult Skills on Literacy and Numeracy (for low literacy) from the National Center for Education Statistics. Estimate is rounded to 4 significant digits.
27	pct_lang_barrier_pop	2019 Percentage of State population with a language barrier (Speaks English less than "very well" or has low levels of literacy)	Derived from 2019 ACS 1-Year file (for speaks English less than "very well") and 2017 Program for the International Assessment of Adult Competencies (PIAAC) Household file and 2012/2014/2017 PIAAC State and County Small Area Estimates of Adult Skills on Literacy and Numeracy (for low literacy) from the National Center for Education Statistics. Estimate is rounded to 4 significant digits.
28	lang_barrier_pop_MOE	2019 State population with a language barrier (Speaks English less than "very well" or has low levels of literacy) margin of error	Margin of error at the 90 percent confidence level. Margin of error accounts for sampling error in the ACS but not the uncertainty introduced by the low literacy imputation. Estimate is rounded to 4 significant digits.
29	pct_lang_barrier_MOE	2019 Percentage of State population with a language barrier (Speaks English less than "very well" or has low levels of literacy) margin of error	Margin of error at the 90 percent confidence level. Margin of error accounts for sampling error in the ACS but not the uncertainty introduced by the low literacy imputation.
30	lang_pop	2019 State population 5 years and older who speak a language other than English at home and speak English less than "very well"	Table S1601: Language Spoken at Home (2019 ACS 1-Year file)

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Column	Variable name	Description	Source(s)
31	pct_lang_pop	2019 Percentage of State population 5 years and older who speak a language other than English at home and speak English less than "very well"	Table S1601: Language Spoken at Home (2019 ACS 1-Year file)
32	lang_pop_MOE	2019 State population 5 years and older who speak a language other than English at home and speak English less than "very well" margin of error	Table S1601: Language Spoken at Home (2019 ACS 1-Year file). Margin of error at the 90 percent confidence level.
33	pct_lang_MOE	2019 Percentage of State population 5 years and older who speak a language other than English at home and speak English less than "very well" margin of error	Table S1601: Language Spoken at Home (2019 ACS 1-Year file). Margin of error at the 90 percent confidence level.
34	pct_low_literacy_pop_nces	Percentage of State household population aged 16-74 at Level 1 or below proficiency in literacy (low levels of literacy)	2012/2014/2017 Program for the International Assessment of Adult Competencies State Small Area Estimates of Adult Skills on Literacy and Numeracy from the National Center for Education Statistics
35	pct_low_literacy_nces_MOE	Percentage of State household population aged 16-74 at Level 1 or below proficiency in literacy (low levels of literacy) margin of error	2012/2014/2017 Program for the International Assessment of Adult Competencies State Small Area Estimates of Adult Skills on Literacy and Numeracy from the National Center for Education Statistics. Margin of error at the 90 percent confidence level.

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Column	Variable name	Description	Source(s)
36	minority_pop	2019 State population who identify as a race other than White alone or as Hispanic or Latino of any race	Table DP05: ACS Demographic and Housing Estimates (2019 ACS 1-Year file)
37	pct_minority_pop	2019 Percentage of State population who identify as a race other than White alone or as Hispanic or Latino of any race	Table DP05: ACS Demographic and Housing Estimates (2019 ACS 1-Year file)
38	minority_pop_MOE	2019 State population who identify as a race other than White alone or as Hispanic or Latino of any race margin of error	Table DP05: ACS Demographic and Housing Estimates (2019 ACS 1-Year file). Margin of error at the 90 percent confidence level.
39	pct_minority_MOE	2019 Percentage of State population who identify as a race other than White alone or as Hispanic or Latino of any race margin of error	Table DP05: ACS Demographic and Housing Estimates (2019 ACS 1-Year file). Margin of error at the 90 percent confidence level.
40	rural_pop	2019 State population living in rural areas	Derived from 2019 ACS 1-Year file and 2015-2019 ACS 5-Year file. Estimate is rounded to 4 significant digits.
41	pct_rural_pop	2019 Percentage of State population living in rural areas	Derived from 2019 ACS 1-Year file and 2015-2019 ACS 5-Year file.
42	rural_pop_MOE	2019 State population living in rural areas margin of error	Derived from 2019 ACS 1-Year file and 2015-2019 ACS 5-Year file. Margin of error at the 90 percent confidence level. Estimate is rounded to 4 significant digits.
43	pct_rural_MOE	2019 Percentage of State population living in rural areas margin of error	Derived from 2019 ACS 1-Year file and 2015-2019 ACS 5-Year file. Margin of error at the 90 percent confidence level.
44	pct_no_fixed_bb_pop_fcc	2019 Percentage of State population living in places where fixed broadband service delivering advertised speeds of at least 25 Mbps download and 3 Mbps upload is not available	<i>Fourteenth Broadband Deployment Report</i> , Appendix A, Federal Communications Commission, released January 19, 2021

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Column	Variable name	Description	Source(s)
45	no_bb_or_computer_pop	2019 State population living in households that lack a computing device and/or broadband subscription	Table S2802: Types of Internet Subscriptions by Selected Characteristics (2019 ACS 1-Year file)
46	pct_no_bb_or_computer_pop	2019 Percentage of State population living in households that lack a computing device and/or broadband subscription	Table S2802: Types of Internet Subscription by Selected Characteristics (2019 ACS 1-Year file)
47	no_bb_or_computer_pop_MOE	2019 State population living in households that lack a computing device and/or broadband subscription margin of error	Table S2802: Types of Internet Subscriptions by Selected Characteristics (2019 ACS 1-Year file). Margin of error at the 90 percent confidence level.
48	pct_no_bb_or_computer_MOE	2019 Percentage of State population living in households that lack a computing device and/or broadband subscription margin of error	Table S2802: Types of Internet Subscriptions by Selected Characteristics (2019 ACS 1-Year file). Margin of error at the 90 percent confidence level.
49	pct_not_inter_user_pop_ntia	2021 Percentage of State civilian population 3 years and older who do not use the Internet	2021 National Telecommunications and Information Administration Internet Use Survey
50	pct_not_inter_user_ntia_MOE	2021 Percentage of State civilian population 3 years and older who do not use the Internet margin of error	2021 National Telecommunications and Information Administration Internet Use Survey. Margin of error at the 90 percent confidence level.
51	pct_no_pc_tablet_pop_ntia	2021 Percentage of State civilian population 3 years and older who do not use a desktop, laptop, or tablet computer	2021 National Telecommunications and Information Administration Internet Use Survey
52	pct_no_pc_tablet_ntia_MOE	2021 Percentage of State civilian population 3 years and older who do not use a desktop, laptop, or tablet computer margin of error	2021 National Telecommunications and Information Administration Internet Use Survey. Margin of error at the 90 percent confidence level.